

Appl. No. 09/903,991

Reply to Office Action of: June 22, 2005

BEST AVAILABLE COPY**Amendments to the Claims**

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of claims:

1. (currently amended) A method for resolving a web site address when connected with a virtual private network (VPN) comprising the steps of:
 - a) connecting a public host ~~having a software module~~ with a virtual private network (VPN),
said public host having a software module and having said software module route for routing
future domain name requests to a domain name server (DNS) of said VPN while said connection is active;
 - b) said software module monitoring domain name requests from said public host;
 - c) said software module intercepting said requests;
 - d) said software module modifying said requests and routing said requests to said DNS of said VPN;
 - e) said DNS resolving said requests and returning an address location to said software module as a domain name response;
 - f) said software module modifying said response; and
 - g) said software module ~~forwarding~~ providing said address location [[to]] for use by said public host.
2. (cancelled)
3. (cancelled)
4. (previously presented) The method of Claim 1 further including the step of connecting said host to said address location.
- 5 – 11. (cancelled)
12. (previously presented) The method of Claim 1, wherein said software module modifies said requests in step d) by replacing an address of an internet service provider (ISP) with the

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address of said DNS of said VPN and modifying a check sum of said domain name requests; and said software module modifies said responses in step f) by re-modifying said check sum and said address of said ISP to counter-act the original check sum and ISP address modifications performed in step d).

13. (currently amended) The method of Claim 12, wherein said modification of said check sum includes computing a new check sum by XORing said check sum with a ~~hexidecimal~~ hexadecimal value to obtain a one's complement, and replacing said check sum with said new check sum.

14. (previously presented) The method of Claim 1, wherein said connection between said public host and said VPN is a VPN tunnel.

15. (previously presented) The method of Claim 14, wherein said VPN tunnel is a Secure Internet Protocol (IPSec) tunnel.

16. (previously presented) The method of Claim 1, wherein said public host is one of a personal digital assistant (PDA), a desktop personal computer, and a laptop personal computer, having data communication capabilities.

17. (previously presented) A system for resolving a web site address for a public host when connected with a virtual private (VPN) comprising:

a domain name server (DNS) of said VPN for resolving domain name requests from said public host;

a software module of said public host for monitoring and intercepting said requests; modifying said requests and routing said requests to said DNS; receiving and modifying a response from said DNS; and forwarding an address location to said public host; and

a communication link between said software module and said DNS.

18. (previously presented) The system of Claim 17, wherein said software module is a driver.

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19. (previously presented) The system of Claim 17, wherein said public host is one of a personal digital assistant (PDA), a desktop personal computer, and a laptop personal computer; having data communication capabilities compatible with said communication link.